EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	113	("422"/$7 or "436"/$74) and microfluidic and pump$1 same buffer	USPAT	OR	ON	2007/02/17 19:52
L5	51	("422"/$7 or "436"/$74) and microfluidic and pump$1 with buffer	USPAT	OR	ON	2007/02/17 20:18
S1	3	(("6113855") or ("6271040") or ("5992820")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 11:29
S2	401	McNeely.in.	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:05
S3	17	S2 and microfluidic	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:06
S4	17	S2 and sensor$1	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:06
S5	4	S3 and S4	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:06
S6	13	S3 and pump$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:30
S7	2	S6 and electrod$2	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:31
S8	302	(biochip$1 or biosensor$1)and microfluidic and pump$3 and electrod$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:36

EAST Search History

S9	272	S8 and sens$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:37
S10	257	S9 and detect$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:38
S11	164	S10 and electrochem$7	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:39
S12	106	S11 and (hydrophilic or hydrophobic)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:40
S13	89	S12 and heat$4	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 11:41
S15	56	S12 and adhesive	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 12:27
S16	1	("6361958").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 13:06
S17	3139	422/68.1	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:06
S18	4484	422/100	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:06
S19	1829	436/174	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:07

S20	51	S13 and S15	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:16
S21	6	S17 and S20	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:22
S22	4	S18 and S20	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 13:21
S23	1	S19 and S20	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 15:43
S24	8	"9204470"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:52
S25	8	"9204470"	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 14:52
S28	1	("5,252,294").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 14:59
S29	6	("3973320" | "4233029" | "4740410" | "4778989" | "4874500" | "4895615").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/17 15:08
S30	1	("5,375,979").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 15:08
S31	1	S19 and S11	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 15:45
S32	10	S18 and S11	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 15:55

S33	1	S19 and S11	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/17 15:44
S34	1	("6,251,691").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/17 15:56
S35	5	("6387707").URPN.	USPAT	OR	ON	2005/02/17 16:00
S36	37	("3982182" | "3998525" | "4055799" | "4075013" | "4456513" | "4575407" | "4591550" | "4717655" | "4832814" | "5444330" | "5447440" | "5498392" | "5573909" | "5585069" | "5587128" | "5593838" | "5723218" | "5744305" | "5807755" | "5837551" | "5855753" | "5858804" | "5874219" | "5942388" | "5989835" | "6007996" | "6017696" | "6023540" | "6033547" | "6083763" | "6136468" | "6266459").PN. OR ("6387707").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/17 16:01
S37	2	((("4,908,112") or ("5,632,876") or ("9514586") or ("PCT9514586") or ("WO9743629") or ("9743629")).PN. or ((PCTUS95/14586) or (95/14586) or (PCT95/14586) or (WO97/43629) or (97/43629)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 09:10
S38	1	("5,858,195").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 09:10
S39	443	("3798152" | "4547071" | "4652757" | "4675300").PN. OR ("4908112").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 09:35
S40	1	("6,315,953").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 09:47
S41	3	(("5,224,843") or ("5,759,014") or ("5,171,132")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 10:19
S42	1	("6621729").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 10:30

S43	1	("6315953").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 10:31
S44	52	("3950738" | "3995190" | "4283773" | "4563419" | "4580895" | "4584075" | "4594135" | "4751177" | "4787963" | "4807161" | "4816418" | "4822566" | "4828979" | "4908112" | "5063081" | "5074977" | "5075077" | "5096669" | "5096807" | "5125748" | "5126022" | "5143854" | "5164319" | "5166063" | "5200051" | "5202231" | "5219726" | "5227265" | "5234566" | "5242797" | "5304487" | "5312527" | "5365539" | "5433819" | "5434049" | "5445525" | "5516698" | "5527670" | "5527681" | "5605662" | "5632957" | "5653939" | "5677195" | "5681751" | "5736410" | "5849486").PN. OR ("6315953").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 10:33
S45	34	"6,099,803"	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 10:35
S46	302	(biochip$1 or biosensor$1)and microfluidic and pump$3 and electrod$3	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:35
S47	218	S46 and buffer$1	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 12:21
S48	2	(("5,639,423") or ("5,304,487")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 12:22
S49	1	("2002/0076825").URPN.	USPAT	OR	ON	2005/02/18 13:16
S50	1	("5,637,458").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/18 13:16

S51	4	(("20030070677") or ("20030075101")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/31 07:10
S52	2	("20020150683").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/13 22:36

| S53 | 280 | (("6645432") or ("6951632") or ("6829753") or ("6827095") or ("6755211") or ("6814938") or ("6864480") or ("6443179") or ("6960437") or ("6767194") or ("6885982") or ("6878271") or ("6042709") or ("6981522") or ("6561208") or ("6761766") or ("6235175") or ("6994749") or ("6521188") or ("7040144") or ("6803568") or ("6615856") or ("6990851") or ("7041208") or ("7014705") or ("6548895") or ("6739576") or ("6800849") or ("7028536") or ("6877892") or ("5976336") or ("6797056") or ("6756019") or ("6555139") or ("6431212") or ("6632655") or ("6086740") or ("6969850") or ("7011793") or ("6607907") or ("6501654") or ("6958119") or ("6153073") or ("6068752") or ("6843263") or ("6772513") or ("6742661") or ("6778724") or ("6848462") or ("6686184") or ("6499499") or ("7033474") or ("6495369") or ("6919046") or ("6619311") or ("6488895") or ("6274089") or ("6409832") or ("6482364") or ("6852287") or ("5989402") or ("6251343") or ("6616823") or ("6743636") or ("6481453") or ("6857449") or ("6648015") or ("6692700") or ("6695765") or ("6729352") or ("6575026") or ("6919058") or ("6167910") or ("6900021") or ("7010964") or ("6403338") or ("6837927") or ("6868347") or ("6880576") or ("6752922") or ("6806543") or ("6523559") or ("6001231") or ("6783647") or ("6524790") or ("5876675") or ("6802489") or ("6534013") or ("6316781") or ("6100541") or ("6939451") or ("6447727") or ("6321791") or ("6660367") or ("6432290") or ("6454924") or ("6326083") or ("6632619") or ("6048498") or ("6382254") or ("6494230") or ("6319476") or ("6669831") or ("6915679") or ("6923907") or ("6616821") or ("6599409") or ("6582576") or ("6551836") or ("6465257") or ("6418050") or ("6670139") or ("6935772") or ("6845787") or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/08/30 19:05 |

S54	39	S53 and pump$1 with external$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 19:10

| S55 | 375 | (("20020117517") or ("20030156992") or ("20020168278") or ("20050106066") or ("20050249607") or ("20020108097") or ("20030175990") or ("20050149304") or ("20040072278") or ("20040224380") or ("20020187560") or ("20030007898") or ("20050065735") or ("20030064507") or ("20040021068") or ("20020124896") or ("20050133371") or ("20030111599") or ("20030196695") or ("20030156993") or ("20050224351") or ("20030102214") or ("20060006065") or ("20050233198") or ("20050092662") or ("20030041652") or ("20020183996") or ("20060046300") or ("20020177238") or ("20020134907") or ("20050053952") or ("20040109793") or ("20020100714") or ("20050164158") or ("20030138359") or ("20040045891") or ("20040053422") or ("20050084424") or ("20050145497") or ("20030182991") or ("20060103051") or ("20030034306") or ("20040094479") or ("20040229378") or ("20040245102") or ("20040206902") or ("20020187564") or ("20030233827") or ("20030165960") or ("20050047969") or ("20040113068") or ("20020187557") or ("20020187513") or ("20040175822") or ("20040200724") or ("20050129980") or ("20020052049") or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/08/30 19:08 |

S56	73	S55 and pump$1 with external$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 19:15

| S57 | 280 | (("6951632") or ("6645432") or ("6827095") or ("6042709") or ("6755211") or ("6864480") or ("6960437") or ("6443179") or ("6767194") or ("6990851") or ("6761766") or ("6561208") or ("7040144") or ("6615856") or ("6994749") or ("6521188") or ("6803568") or ("7041208") or ("6800849") or ("7014705") or ("6548895") or ("7028536") or ("6086740") or ("6632655") or ("6756019") or ("6797056") or ("6431212") or ("6555139") or ("6482364") or ("6878271") or ("7011793") or ("6981522") or ("6153073") or ("6969850") or ("6068752") or ("6958119") or ("6499499") or ("6235175") or ("6742661") or ("6607907") or ("7033474") or ("6843263") or ("6447661") or ("6686184") or ("6274089") or ("6103199") or ("6919046") or ("6488895") or ("6149787") or ("6837927") or ("5976336") or ("6409832") or ("6251343") or ("6669831") or ("6481453") or ("6919058") or ("6857449") or ("6432290") or ("6581441") or ("6648015") or ("6752922") or ("6900021") or ("6063589") or ("7010964") or ("6167910") or ("6575026") or ("6780240") or ("6868347") or ("6783647") or ("6524790") or ("6993958") or ("6447727") or ("6632619") or ("6395232") or ("7024281") or ("6321791") or ("6660367") or ("6915679") or ("6319476") or ("6468761") or ("6326083") or ("6444173") or ("6495369") or ("6454924") or ("6448090") or ("6494230") or ("6444106") or ("6080295") or ("5972187") or ("6544734") or ("6923907") or ("6190616") or ("6551836") or ("5989402") or ("6403338") or ("6465257") or ("6547942") or ("6148508") or ("6632629") or ("6302134") or ("6616821") or ("6984516") or ("6599409") or ("6616823") or ("6575188") or ("6773567") or ("6613581") or ("6488897") or ("6561224") or ("6306273") or ("6506929") or ("6761962") or ("6613512") or ("5958203") or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/08/30 19:14 |

S58	15	S57 and (capillar$3 near5 force$1) and (pump$1 with external$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 19:49
S59	2	("20020117517").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 19:47
S60	2	("20020187513").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 19:19

| S61 | 279 | (("20020117517") or ("20030156992") or ("20020168278") or ("20050106066") or ("20050133371") or ("20050249607") or ("20030175990") or ("20040072278") or ("20040224380") or ("20040021068") or ("20030007898") or ("20050224351") or ("20030064507") or ("20030200794") or ("20040028566") or ("20030041652") or ("20020009392") or ("20030111599") or ("20020100714") or ("20030156993") or ("20020124896") or ("20040017981") or ("20030138359") or ("20060006065") or ("20050233198") or ("20050092662") or ("20030182991") or ("20040109793") or ("20030034306") or ("20040094479") or ("20040229378") or ("20050133101") or ("20060103051") or ("20040175822") or ("20010007641") or ("20040206902") or ("20020052049") or ("20020033193") or ("20020187564") or ("20020195047") or ("20040113068") or ("20030165960") or ("20050047969") or ("20030233827") or ("20030230488") or ("20020187513") or ("20020187557") or ("20060076068") or ("20020110926") or ("20050129580") or ("20020164816") or ("20010052460") or ("20040197905") or ("20020153046") or ("20030138829") or ("20050096405") or ("20030124623") or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/08/30 19:49 |

S62	32	S61 and (capillar$3 near5 force$1) and (pump$1 with external$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 20:32
S63	2	("6344326").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 20:35
S64	2	("6881541").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/30 20:35
S65	96	("3912614" | "4022256" | "4304257" | "4312332" | "4839017" | "4848722" | "4852851" | "4858883" | "4869282" | "4894253" | "4906439" | "4911801" | "4927516" | "4968400" | "4975175" | "4999069" | "5017494" | "5041181" | "5108532" | "5130161" | "5138881" | "5146785" | "5213675" | "5258111" | "5286364" | "5304487" | "5376252" | "5401376" | "5407992" | "5411765" | "5421982" | "5442030" | "5443890" | "5457087" | "5460890" | "5462628" | "5468374" | "5470644" | "5470693" | "5478751" | "5486335" | "5491097" | "5505321" | "5520788" | "5525405" | "5540828" | "5543222" | "5554339" | "5567297" | "5567330" | "5578188" | "5589396" | "5591519" | "5596038" | "5598989" | "5603820" | "5618760" | "5635358" | "5637469" | "5660370" | "5660728").PN. OR ("5932799"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/30 21:10

| S66 | 156 | ("1616419" | "1773401" | "20020143437" | "3528449" | "4139005" | "4612959" | "4654127" | "4673657" | "4946562" | "4949742" | "4963498" | "4989626" | "5001417" | "5004583" | "5053199" | "5061336" | "5064618" | "5071531" | "5126002" | "5126022" | "5135627" | "5135872" | "5147606" | "5208163" | "5250263" | "5282950" | "5296375" | "5304477" | "5304487" | "5316727" | "5339486" | "5372946" | "5374395" | "5411708" | "5427946" | "5486335" | "5498392" | "5503803" | "5519635" | "5559432" | "5565171" | "5569364" | "5580523" | "5585069" | "5585089" | "5587128" | "5589136" | "5593838" | "5599432" | "5599503" | "5603351" | "5605662" | "5628890" | "5631337" | "5632876" | "5632957" | "5635358" | "5637469" | "5639423" | "5643738" | "5646039" | "5652149" | "5674742" | "5681484" | "5681529" | "5683657" | "5699157" | "5726026" | "5731212" | "5747666" | "5750015" | "5755942" | "5763262" | "5770029" | "5772966" | "5779868" | "5787032" | "5788814" | "5800690" | "5827481" | "5842106" | "5842787" | "5846396" | "5849486" | "5849489" | "5849598" | "5852495" | "5856174" | "5858188" | "5863502" | "5863708" | "5863801" | "5866345" | "5869004" | "5872010" | "5874046" | "5876675" | "5880071" | "5882465" | "5883211" | "5885432" | "5885470" | "5895762" | "5900130" | "5912124" | "5912134" | "5916522" | "5916776" | "5919711" | "5922591" | "5928860" | "5929208" | "5932799" | | US-PGPUB; USPAT; USOCR | OR | ON | 2006/08/30 21:20 |

S67	52	S66 and (stop$1 or delay$1 or gate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/30 21:21
S68	84	("5147606").URPN.	USPAT	OR	ON	2006/08/30 21:26
S69	196	("5486335").URPN.	USPAT	OR	ON	2006/08/30 21:28
S70	21	("5681529").URPN.	USPAT	OR	ON	2006/08/30 21:40
S71	1	("6663833").URPN.	USPAT	OR	ON	2006/08/30 22:17
S72	304	(S70 or S68 or S66 or S65 or "73" or S54) and inlets and microfluidic and pump$1	USPAT	OR	ON	2007/02/17 19:48
S73	4	(("20010051714") or ("6632400")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 20:19
S74	2	("4946795").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:10
S75	2	("4968129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:13
S76	2	("4968120").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:11
S77	2	("4968127").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:11
S78	2	("5077017").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:22
S79	2	("5104813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:12

S80	2	("5968129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:13
S81	2	("6968129").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:13
S82	2	("5731212").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:57
S83	2	("5519635").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/30 23:57
S84	3	("6235471").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/01 00:38
S85	2	("6827906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/04 13:41
S87	4	("6720007").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/04 13:48